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CLAIMS

1. A dilatation system consisting of a dilatation pin (20) with a diameter which increases proximally from the distal end, and with a tubular guide sleeve (2) which has an inner diameter corresponding to the diameter of the distal end (22), reduced in diameter, of the dilatation pin (20), and which in its longitudinal direction may be separated open over the entire length along at least one line (10).
2. A dilatation system according to claim 1, with which the guide sleeve (2) comprises at least one break-off location (10) extending in the longitudinal direction of the guide sleeve (2) preferably over its whole length.
3. A dilatation system according to claim 1 or 2 with a veress cannula (6) which has an outer diameter which corresponds to the inner diameter of the guide sleeve (2).
4. A dilatation system according to one of the preceding claims, with which in the guide sleeve (2) there are formed two preferably diametrically oppositely arranged break-off locations (10) which extend in the longitudinal direction of the guide sleeve (2).
5. A dilatation system according to one of the claims 2 to 4, with which the break-off locations (10) are formed by perforation or a regionally weaker wall thickness of the guide sleeve (2).
6. A dilatation system according to one of the preceding claims, with which the guide sleeve (2) is formed by at least two sleeves (2a, 2b, 2c) which are separate from one another, are arranged in one another and in each case comprise at least one slot extending in the longitudinal direction of the guide sleeve (2) preferably over its whole length or a correspondingly extending break-off location (10a, 10b, 10c), wherein the slots or break-off locations (10a, 10b, 10c) in the two sleeves (2a, 2b, 2c) are arranged circumferentially displaced to one another.
7. A dilatation system according to one of the preceding claims, with which at least one holding element (8) is formed at the proximal end of the guide sleeve (2).
8. A dilatation system according to one of the preceding claims, with which the guide sleeve (2) at its distal end is formed tapered or conically.
9. A dilatation system according to one of the preceding claims, with which the guide sleeve (2) is manufactured of a preferably transparent plastic.

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10. A dilatation system according to one of the preceding claims, with which the dilatation pin (20) comprises at least one cutter (26) for separating open the guide sleeve (2).

11. A guide sleeve for a dilatation system according to one of the preceding claims, which comprises at least one break-off location (10) extending in the longitudinal direction of the guide sleeve (2) preferably over its whole length.